

PAT-NO: JP358185932A
DOCUMENT-IDENTIFIER: JP 58185932 A
TITLE: MOTORCYCLE
PUBN-DATE: October 29, 1983

INVENTOR-INFORMATION:

| NAME | COUNTRY |
|------------------|---------|
| AOI, KAZUO | |
| NORIMATSU, NOBUO | |
| NAKAO, YASUO | |

ASSIGNEE-INFORMATION:

| NAME | COUNTRY |
|---------------------|---------|
| YAMAHA MOTOR CO LTD | N/A |

APPL-NO: JP57068065
APPL-DATE: April 24, 1982

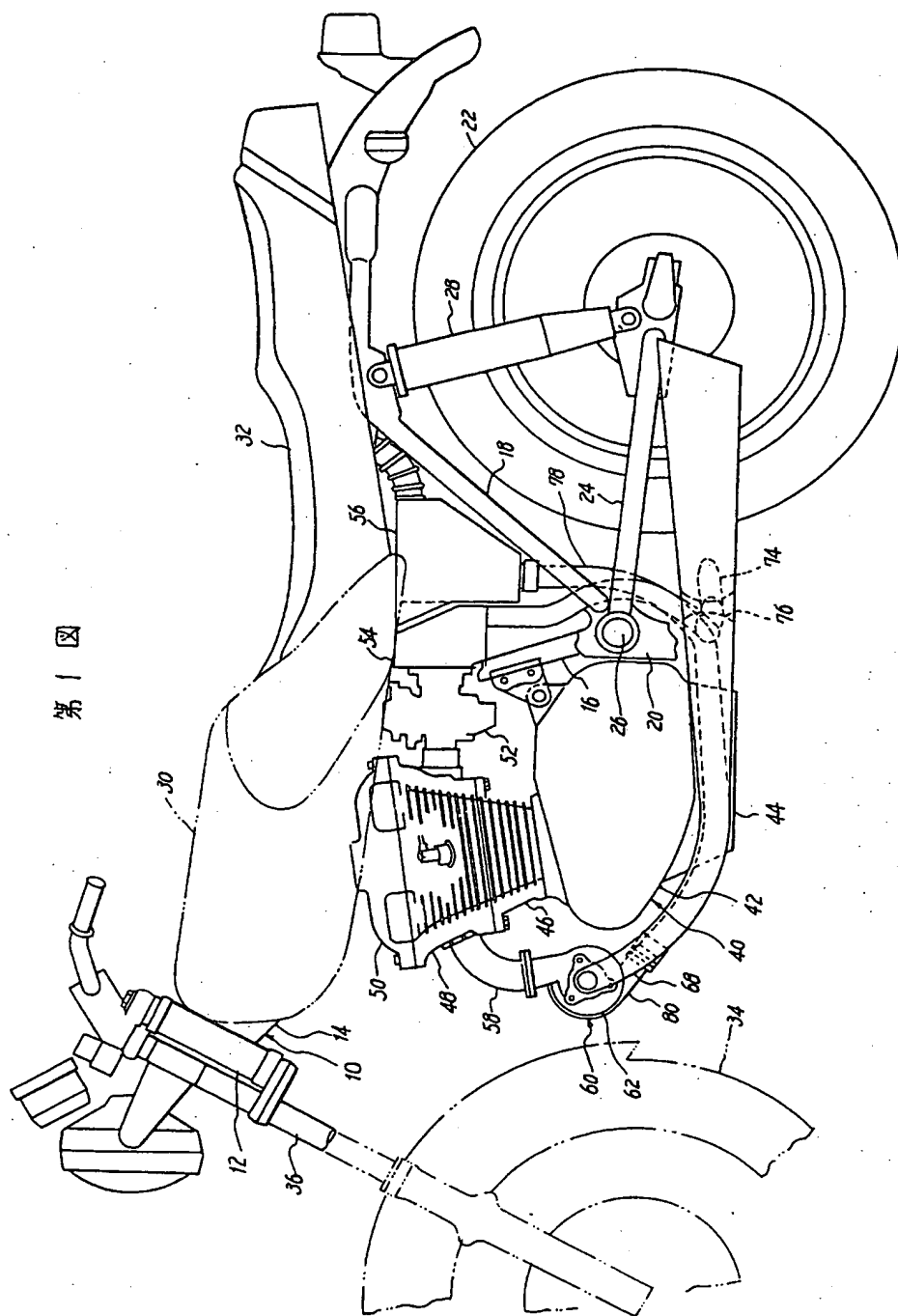
INT-CL (IPC): F02B037/00 , B60K013/02
US-CL-CURRENT: 60/605.1

ABSTRACT:

PURPOSE: To reduce the width of a car body and promote the suction charging efficiency by respectively providing a turbo supercharger in front of an engine and a feed cylinder and an air cleaner behind the engine and arranging suction and exhaust pipes under the engine.

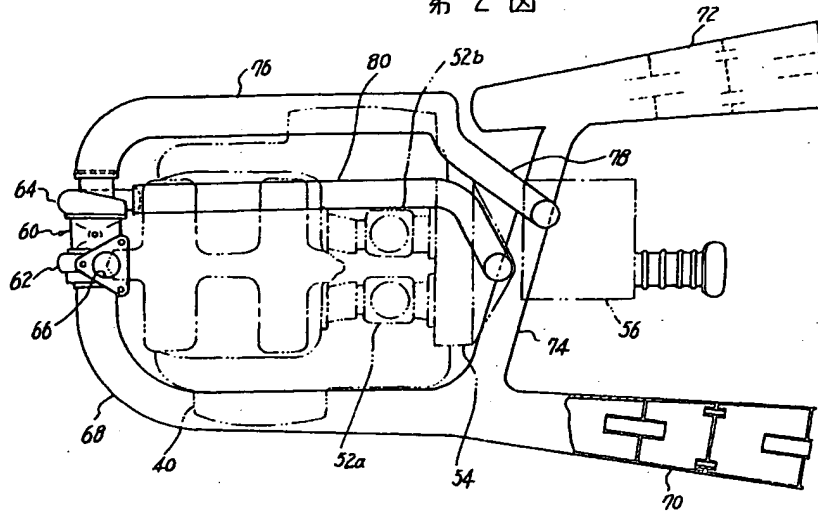
CONSTITUTION: In a motorcycle, a parallel two-cylinder engine 40 is arranged under a fuel tank 30 on a main frame 10. Here, a carburetter 52(52a and 52b) for each cylinder is connected to the rear face of a cylinder head 48 of the engine 40, while a feed box 54 is connected to the rear of the carburetter 52. A turbo supercharger 60 is arranged sideways in front of the engine 40, and an exhaust manifold 58 is connected to an exhaust inlet 66 of its turbine 62. Meanwhile, a suction inlet of a compressor 40 of the supercharger 60 is connected to an air cleaner 56 with the feed box 54 arranged behind via a suction pipe 76 passing below the engine 40, and a suction outlet is connected to the feed box 54 via a feed pipe 80 similarly passing below the engine 40.

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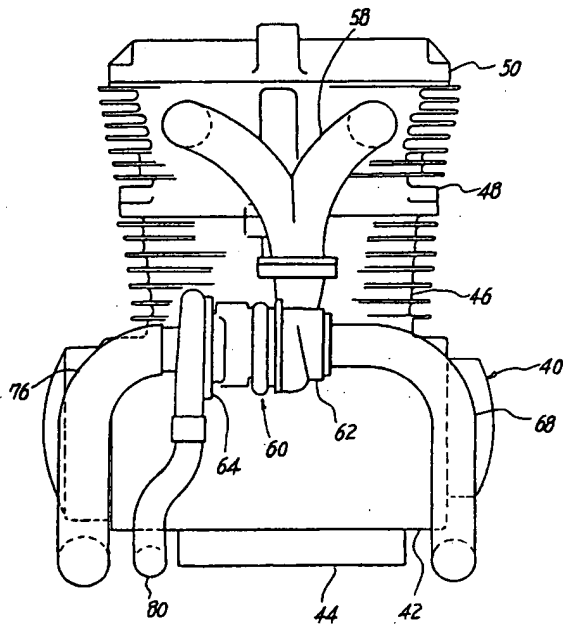


第 1 図

第 2 図



第 3 図



第 4 図

